

77-1899

14 MAY 1971

MEMORANDUM FOR: Deputy Director for Support

SUBJECT : Lighting for Color Motion Picture Photography
in Agency Auditorium

REFERENCE : Memo dtd 17 Mar 71 to DD/S fm D/L, same
subject

1. This memorandum is for your information only.

2. Members of the Office of Training (OTR), Film Production Branch and the Office of Logistics, Real Estate and Construction Division (RECD) have made a coordinated review of a report received from [] (lighting experts) and agree upon the feasibility of creating lighting conditions in the auditorium suitable for high-quality color photography.

3. Prior to implementation of the recommendations made in the report, some ambient features in the auditorium will require adjustment.

a. Ideas are now being considered to provide the correct neutral gray background for the speaker during filming without upsetting the existing color scheme during normal auditorium use.

b. The additional 16-kilowatt lighting load will require full-time operation of the air-conditioning system in order to dissipate the heat generated during filming. There is adequate cooling capacity in the system; however, the sound level must be reduced. We have received a report from consulting engineers proposing a sound-reduction method that will cost under \$1,000.

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c. The lighting consultant advises, and the OTR-RECD professional staff agrees, that high-quality photography will require the camera to be located in the rear of the main auditorium floor under the projection booth in order to obtain the correct viewing angle of the speaker. The use of a portable camera platform will enable the cameras to be properly located. This will necessitate the removal of three to four seats in the center of the rear row under the booth. When the platform is not in use, the space for aesthetic reasons would be occupied by a credenza or other appropriate furnishings.

4. While we feel that proper lighting conditions may be achieved in the auditorium, we intend to install a temporary full-scale mockup of the proposed lighting system. This will permit the shooting of a test film while displaying the main features of the installation prior to any commitment for detailed design services. It will also assist interested Agency officers to evaluate the impact of such a system prior to proceeding with a permanent installation.



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